

MOLY-PLEX SMR

NLGI 1.5

Product Description

High quality lithium complex grease, containing special additives and Molybdenum Disulfide (MoS_2) that allow the grease to have high temperature capability, good tackiness, and high load capability. In addition to its extreme pressure (EP) property. MOLY-PLEX SMR Grease also provides excellent lubrication with friction reduction. It is designed to handle the severe- and hostile-lubrication industry such as sugar mills.

Benefits

- Excellent lubricating film, together with superior EP and high-temperature characteristics.
- Superior protection against rust and corrosion.
- Good tackiness and wear protection under high load.
- Outstanding resistance to water, moisture, and acid washouts.

Applications

- Recommended for uses in lubricating open gear, journal bearing, and machine parts where heavy load and resistance to water and acid washout are required.

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Typical Characteristics

Tests	Methods	Units	Results
NLGI Consistency			1.5
Thickener Type			Lithium Complex + MoS ₂
Color	Visual		Gray Black
Maximum Operating Temperature		°C	170
Normal Operating Temperature		°C	-10 to 170
Dropping Point	ASTM D 2265	°C	259
Base Oil Viscosity at 40°C	ASTM D 445	cSt	2600
Base Oil Viscosity at 100°C	ASTM D 445	cSt	120
Copper Strip Corrosion, 24h, 100°C	ASTM D 4048		1a
Water Washout, 79°C	ASTM D 1264	%wt	4.8
4-Ball EP, Weld Load	ASTM D 2596	Kg _f	800
Timken OK Load	ASTM D 2509	lb _f	50

Performance Standards

- NLGI

Health and Safety

This product shows no significant health or safety hazard when used under the recommended applications and suitable handling.

Avoid the direct contact. Wash immediately after contact. Health and safety information is available on the Safety Data Sheet (SDS) which can be obtained from <http://pttlubricants.pttor.com>

PTT LUBE SOLUTIONS Professional Lubricant Service Partner



The product can cause some skin irritation and has flash point higher than 93.4°C

Note: Data and information contained in this publication are based on standard test under laboratory conditions and/or performance test. To consider the use of PTT Lubricants' products in particular application, customer is responsible for determining whether product and information are appropriate for customer conditions or should consult with PTT Lubricants' technical service division. The procedure of using any lubricant may differ or change depended on different machines and their manuals. Therefore, we recommend to read, understand and review the latest SDS in order to ensure the use of product is accomplished safety.

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